

TOOL 2. SOLID WASTE MANAGEMENT PROGRAM REVIEWS - INDIVIDUAL PROGRAM REVIEWS AND COST SUMMARIES

INTRODUCTION

Historically, solid waste in Wyoming has been buried in landfills operated by the governing city or county. In recent years, recycling has taken on a more significant role but is still a distant second to landfilling in terms of tonnage of material landfilled versus recycled. As outlined in Tool 1, the need for landfills is an essential one and will not disappear. Modern landfills are not the dumps of the past. They are engineered containment systems that have a multitude of regulatory requirements to protect the public from water, land and air pollution. The cost to operate these landfills continues to increase.

Citizens demand responsible use of their tax dollars. There is currently, in many areas, a lack of information regarding the full costs to citizens for solid waste management programs. The financial and operational structure of solid waste management systems are unknown to most citizens.

This lack of knowledge can contribute to a lack of support for needed solid waste management program changes. In many Wyoming communities citizens can drive out to their local landfill and unload unlimited amounts of solid waste for little or no fee. This may lead to a false belief that solid waste management is free.

While landfilling and recycling evolved, for the most part, separately—the true and full cost to operate either or both of these waste management programs is often unknown. Tool 8 describes methodology for full cost accounting of solid waste management.

This tool, (Tool 2) is designed to provide an overview of existing solid waste management

- Historically, solid waste in Wyoming has been buried in landfills operated by the governing city or county.

- There is currently, in many areas, a lack of information regarding the full costs to citizens for solid waste management programs.

programs in Wyoming and associated costs of those programs. Based on the nature of the information, Tool 2 will need to be revised and updated periodically to reflect current data.

WYOMING LANDFILLS, BALEFILLS, TRANSFER FACILITIES AND RECYCLING PROGRAMS

The Wyoming Landfill Directory (Ohnstad, 1995) is a comprehensive compilation of data on landfills in Wyoming. Table 2-1 is taken, in part, from the directory and lists current landfills, balefills, transfer stations and associated service areas. Table 2-2 lists current Wyoming community recycling programs and associated service areas.

A comparison of this information quickly illustrates that in most areas of Wyoming land disposal of waste and recycling are being handled by separate entities. Additionally, at least half of all the community recycling programs in Wyoming are still entirely or partly managed and maintained by volunteer labor and efforts.

1996 WYOMING SOLID WASTE SURVEY

The 1995 Wyoming Landfill Directory is a broad document on Wyoming landfills and does not provide information on the full costs of those landfills. In June, 1996 the Wyoming Department of Environmental Quality conducted a solid waste survey (Fig. 2-1) to determine the current status and cost of solid waste programs in Wyoming.

The survey included the costs of collection, landfill operations, recyclables and compost processing and household hazardous waste collection programs. The survey was mailed to sixty-seven (67) separate solid waste officials around the state. These officials included: directors of public works, city and county engineers, recycling coordinators, county commissioners, landfill operators and other

- A comparison of this information quickly illustrates that in most areas of Wyoming land disposal of waste and recycling are being handled by separate entities.

- The Wyoming DEQ conducted a solid waste survey to determine the current status and cost of solid waste programs in Wyoming.

responsible persons. Thirty-eight (38) of the completed surveys were returned for a 56 percent response rate. The results of the survey are illustrated in Tables 2-3, 2-4, 2-5, 2-6 and 2-7.

The survey does not include all possible collection and disposal entities in Wyoming. The Wyoming Department of Environmental Quality intends to include more comprehensive survey data in future updates of this Handbook. However it does provide some useful information. Based on the survey data the following conclusions have been made:

- Most funding identified for collection and disposition (includes recycling) does not reflect full cost accounting methods. This means that what is allocated from general funds, user fees, county sales tax and other funding sources, to manage solid waste may not be the true cost of managing those wastes
- The cost to operate recycling and composting programs (when managed by the same entity responsible for land disposal) is even less of a known than landfilling costs
- Landfill closure costs (an inevitable expense) for at least half of the survey respondents are not being included in current budget planning
- Some survey respondents indicate they are budgeting for items that are not applicable to their current program. For example, some entities responded that they include the cost of leachate collection systems in their annual solid waste budget but they do not have leachate collection systems at their landfill(s).

- The survey response rate was 55 percent.

As noted previously, it will be necessary to update Tool 2 on an ongoing bases in order to provide accurate, up-to-date information for Handbook users. The Wyoming Department of Environmental Quality will maintain a database for this data. Suggestions on survey questions, method of conducting the survey and identification of responsible persons for answering the survey can be submitted to:

**Wyoming Department of Environmental
Quality
Solid Waste Division
250 Lincoln Street
Lander, WY 82520
phone (307) 332-6924
fax (307) 332-7726**

TABLE 2-1 Wyoming Landfill, Balefill and Transfer Facility Sites

COUNTY	LANDFILL, BALEFILL, or TRANSFER FACILITY	SERVICE AREA
Albany	Laramie Landfill	City of Laramie, Southern Albany County. Have accepted wastes from Walden, CO and Laramie County residence.
	Rock River Landfill	Town of Rock River and surrounding rural areas
Big Horn	Basin Landfill, South	Towns of Basin, Greybull, Shell, Hyattville, Burlington, Emblem and Otto and southern Big Horn County
	Cowley Landfill, North	Town of Cowley and Northern Big Horn County
Campbell	Gillette Bale Station	Campbell County
	Gillette Landfill	Campbell County
Carbon	Baggs Landfill	Town of Baggs and 25 mile radius
	Elk Mountain Landfill	Towns of Elk Mountain, Hanna, Medicine Bow, Arlington, McFadden and Shirley Basin. The Calvert Subdivision, the Wagon Wheel Rest Area and ranches in the surrounding area
	Encampment Landfill	Towns of Encampment and Riverside. Subdivisions of Blackhall and Cherokee Meadows and the Southern portion of the Upper Platte River Solid Waste Disposal District
	Rawlins Landfill	City of Rawlins, all of Carbon County not included in Districts or Joint Powers Agreements, 36 square miles in eastern Sweetwater County
	Saratoga Landfill	Town of Saratoga and the Northern portion of the Upper Platte River Solid Waste Disposal District
Converse	Douglas Landfill	The Eastern half of Converse County including City of Douglas
	Glenrock Landfill	Western half of Converse County including Town of Glenrock
Crook	Hulett Landfill	Town of Hulett and nearby rural areas
	Moorcroft Landfill	Town of Moorcroft, Key Hole State Park, Buckmiller Subdivision and surrounding agricultural areas
	Sundance Landfill	Town of Sundance, Devil's Tower Natl Monument and parts of the National Forest
Fremont	Dubois Landfill	Town of Dubois and surrounding rural area
	Hudson Landfill	Town of Hudson and some surrounding area
	Lander Landfill	City of Lander and surrounding rural area
	Missouri Valley Transfer Station	Missouri Valley
	Pavillion Transfer Station	Town of Pavillion and surrounding area
	Sand Draw Landfill	City of Riverton and surrounding area in a 10 mile radius
	Shoshoni Transfer Station	Town of Shoshoni and surrounding area
Goshen	LaGrange Landfill	Town of LaGrange and surrounding rural community
	Torrington Balefill	Town of Torrington and some rural areas within a 30 mile radius
	Torrington, TDS	Private Landfill. Serves Goshen and Eastern Platte County for MSW. Serves SW Wyoming and SE Nebraska for disposal of Petroleum Contaminated Soils.
Hot Springs	Thermopolis Landfill	Hot Springs County including Town of Thermopolis
Johnson	Buffalo Landfill	Northern Johnson County including Town of Buffalo and the Town of Story in Southern Sheridan County
	Kaycee Landfill	Southern Johnson County including Town of Kaycee
Laramie	Burns Landfill	Town of Burns and Laramie County School District #2
	Cheyenne Landfill	Western 2/3 of Laramie County including City of Cheyenne
Lincoln	Cokeville Landfill	Bear River Valley from Sage Junction to Border Junction including Town of Cokeville
	Kemmerer Landfill	Southern Lincoln County including the towns of Kemmerer, Diamondville and Frontier

COUNTY	LANDFILL, BALEFILL, or TRANSFER FACILITY	SERVICE AREA
	LaBarge Transfer Station	Town of LaBarge and surrounding rural area
	Thayne Landfill	Northern Lincoln County including the Star Valley
Natrona	Casper Balefill	Natrona County including the City of Casper
	Midwest Landfill	Towns of Midwest and Edgerton
Niobrara	Lusk Landfill	Niobrara County including the Town of Lusk
	Manville Landfill	Town of Manville
Park	Clark Landfill	Clark Service Area
	Cody Landfill	City of Cody and surrounding area of Park County including Crandall Area
	Meeteetse Landfill	Town of Meeteetse and surrounding area of Park County
	Powell Landfill	City of Powell and surrounding areas of Park County
Platte	Guernsey Landfill	Town of Guernsey and surrounding rural area of Platte County
	Wheatland Landfill	Towns of Wheatland and Chugwater and surrounding rural area of Platte County
Sheridan	Clearmont Landfill	Town of Clearmont and 3 mile radius around the town
	Sheridan Landfill	Sheridan County including the City of Sheridan
Sublette	Big Piney Landfill	Sublette and Teton Counties including the towns of Big Piney, Marbleton, Pinedale and Jackson
	Pinedale Transfer Station	Town of Pinedale
Sweetwater	Farson Landfill	Towns of Farson and Eden. Surrounding ranches in district
	Green River Landfill	City of Green River
	Point of Rocks Transfer Station	Point of Rocks unincorporated area and surrounding rural
	Rock Springs Landfill	City of Rock Springs
	Superior Transfer Station	Town of Superior
	Wamsutter Landfill	Eastern Sweetwater County including Town of Wamsutter
Teton	Jackson Transfer Station	MSW from Teton County including City of Jackson and Grand Teton National Park
	Jackson Landfill	Serves all of Teton County for Disposal of Wood Debris and Ash Only
Uinta	Evanston Landfill	Western half of Uinta County including City of Evanston
	Fort Bridger Landfill	Eastern Half of Uinta County including Town of Ft. Bridger
Washakie	Ten Sleep Landfill	Eastern Washakie County including Town of Ten Sleep, Big Horn National Forest and North to Battle Park and East to the Continental Divide
	Worland Landfill	Washakie County West of R90W including City of Worland
Weston	Newcastle Landfill	Town and Newcastle and surrounding area in a 30 mile radius
	Osage Landfill	Town of Osage and surrounding rural area
	Upton Landfill	Town of Upton
Wind River Indian Reservation	Crowheart Transfer Station	Four solid waste transfer stations collect and transport garbage for the entire geographic area of the Reservation
	Ethete Transfer Station	
	Ft. Washakie Transfer Station	
	17 Mile Transfer Station	
Yellowstone N. P.	Lake/Bridge Bay Transfer Station	
	Mammoth Transfer Station Norris PCS Facility	

Table 2 -2 Wyoming Community Recycling Programs

COUNTY	Community Recycling Program/Operation	Type of Organization	Service Area
Albany	ARK Recycling, Laramie	Private, nonprofit/some municipal support	Thirty communities in Wyoming, Colorado and Nebraska
Big Horn	Big Horn County Recycling, Greybull	Volunteer	Greybull and surrounding area of Big Horn County
	Pollution Solution	Volunteer	Towns of Lovell, Cowley, Byron, Deaver and Frannie
Campbell	NE WY Recycling, Gillette	County/City of Gillette/RENEW nonprofit cooperative effort	Accept materials from five counties in NE WY. Campbell County is currently in the process of constructing a new MRF in Gillette
	Wright Recycling	Volunteer	Town of Wright
Carbon	City of Rawlins	Municipal	City of Rawlins
	Towns of Encampment and Saratoga	Upper Platte River SWDD	Encampment and Saratoga
Converse	Douglas Recycling	Volunteer	City of Douglas
Crook	Town of Sundance	Municipal	Town of Sundance
	Town of Moorcroft	Volunteer/municipal	Town of Moorcroft
Fremont	Community Entry Services	Private, nonprofit/some support from Fremont County	Communities of Lander, Riverton and Dubois
Goshen	Diversified Services, Inc.	Private, nonprofit	Towns of Torrington and Lusk
Hot Springs	Big Horn Enterprises	Private, nonprofit	Town of Thermopolis
Johnson	Johnson County Recycling	Volunteer/county/ Town of Buffalo cooperative effort	Town of Buffalo and surrounding area of Johnson County
Laramie	Magic City Enterprises	Private, nonprofit/some municipal support from City of Cheyenne	City of Cheyenne
Lincoln	Afton Recycling	Volunteer/private, commercial recycler	Town of Afton
	K.A.R.E.	Volunteer	Town of Kemmerer and surrounding area
Natrona	Casper Recycling	Municipal	City of Casper
Niobrara	Niobrara Recycling	Volunteer	Town of Lusk
Park	Powell Valley Recycling	Volunteer/some municipal support from City of Powell	City of Powell
	City of Cody	Volunteers/private businesses/some municipal support	City of Cody
Platte	Wheatland Recycling	Volunteer/private enterprise	Town of Wheatland
Sheridan	RENEW Recycling	Private, nonprofit	City of Sheridan
	Ranchester and Dayton	Volunteer	Towns of Ranchester and Dayton
Sublette	Sublette Citizens for Recycling	Volunteer/joint powers authority	Town of Pinedale and surrounding rural area
Sweetwater	City of Green River	Municipal	City of Green River
	City of Rock Springs	Nonprofit Resident Council/City of Rock Springs/SWDD #1	City of Rock Springs
Teton	Jackson Community Recycling	Joint powers authority	City of Jackson
Uinta	Evanston Recycling	Municipal	City of Evanston

COUNTY	Community Recycling Program/Operation	Type of Organization	Service Area
Washakie	Washakie County Recycling	Volunteer/Washakie County Conservation District	Town of Worland
Weston	RENEW	Private, nonprofit	Town of Newcastle
Wind River Indian Reservation	Operation Greeneyes	Volunteer	Wyoming Indian High School at Ethete
Yellowstone N. P.	Yellowstone Recycling	Federal government	Yellowstone National Park
Grand Teton N.P.	Grand Teton Recycling	Grand Teton Lodge Company	Grand Teton National Park

Figure 2-1. WYOMING SOLID WASTE SURVEY
CURRENT PROGRAM STATUS AND COST

Your name: _____
 Work address: _____

Name of organization you work for: _____
 Work phone number: _____

Note: If any of the following programs are not included in your solid waste program please indicate by writing in N/A for Not Applicable.

(1) Collection Programs

Name of Collection Program or Transfer Facility (examples: City of Casper, Jeffrey City Transfer Station, Johnson County Recycling Council, City of Powell)	Type of Program (examples: transfer station, collection for landfilling, drop-off collection for recycling, curbside collection of compost, special waste collection, etc.)	Annual Cost of Collection Program (if unknown please indicate by writing in unknown or a ?)	Funding Sources or Method of Financing
		\$	_____
		\$	_____
		\$	_____
		\$	_____
		\$	_____
		\$	_____
		\$	_____
		\$	_____
		\$	_____
		\$	_____
		\$	_____
		\$	_____

Name of Collection Program or Transfer Facility
(examples: City of Casper, Jeffrey City Transfer Station, Johnson County Recycling Council, City of Powell)

Type of Program (examples: transfer station, collection for landfilling, drop-off collection for recycling, curbside collection of compost, special waste collection, etc.)

Annual Cost of Collection Program (if unknown please indicate by writing in unknown or a ?)

Funding Sources or Method of Financing

(2) Landfill Operation (please list each landfill operation separately, if possible)

Name of Landfill	Annual Cost of Landfilling	Funding Sources or Method of Financing
	\$	_____
	\$	_____
	\$	_____
	\$	_____
	\$	_____
	\$	_____
	\$	_____
	\$	_____
	\$	_____
	\$	_____
	\$	_____
	\$	_____
	\$	_____

Name of Landfill

Annual Cost of Landfilling

Funding Sources or Method of Financing

(3) Recyclables Processing

Name of Operation or Facility	Type of Processing (examples include baling, crushing, densifying, shipping to intermediate processor, etc.)	Annual Cost of Processing Recyclables	Funding Sources or Method of Financing
		\$	_____
		\$	_____
		\$	_____
		\$	_____
		\$	_____
		\$	_____
		\$	_____
		\$	_____
		\$	_____
		\$	_____
		\$	_____
		\$	_____

Name of Operation or Facility

Type of Processing (examples include baling, crushing, densifying, shipping to intermediate processor, etc.)

Annual Cost of Processing Recyclables

Funding Sources or Method of Financing

(4) Compost Processing		Type of Processing (examples include chipping, shredding, windrow, aerate, water, transport, etc.)	Annual Cost of Processing Compost	Funding Sources or Method of Financing	
		\$ _____	\$ _____	_____	
		\$ _____	\$ _____	_____	
		\$ _____	\$ _____	_____	
		\$ _____	\$ _____	_____	
		\$ _____	\$ _____	_____	
		\$ _____	\$ _____	_____	
(5) Household Hazardous Waste Collection		Name of Operation or Facility	Type of Program (collection day, ongoing collection at a drop-off facility)	Annual Cost of HHW Program	Funding Sources or Method of Financing
		\$ _____	\$ _____	\$ _____	_____
		\$ _____	\$ _____	\$ _____	_____
		\$ _____	\$ _____	\$ _____	_____
		\$ _____	\$ _____	\$ _____	_____
		\$ _____	\$ _____	\$ _____	_____
		\$ _____	\$ _____	\$ _____	_____
(6) If your solid waste program includes LANDFILL(S), are the following costs accounted for in your annual budget? (please check all that are currently included):					
<input type="checkbox"/> Engineering/consulting fees		<input type="checkbox"/> Legal fees	<input type="checkbox"/> Insurance		
<input type="checkbox"/> Interest on capital debt		<input type="checkbox"/> Methane monitoring	<input type="checkbox"/> Leachate collection/treatment systems		
<input type="checkbox"/> Clay or synthetic liners		<input type="checkbox"/> Groundwater monitoring	<input type="checkbox"/> Equipment, operation and maintenance		
<input type="checkbox"/> Operator salary and expenses		<input type="checkbox"/> Buildings and facilities	<input type="checkbox"/> Equipment replacement or amortization of existing equipment		
<input type="checkbox"/> Closure costs (construction of final cover, reclamation, closure certification)					
<input type="checkbox"/> Post closure costs (monitoring, inspections)					
(7) Other type of solid waste program/facility		Name of Operation or Facility	Type of Operation or Program	Annual Cost of Program	Funding Sources or Method of Financing
		\$ _____	\$ _____	\$ _____	_____
		\$ _____	\$ _____	\$ _____	_____
		\$ _____	\$ _____	\$ _____	_____
		\$ _____	\$ _____	\$ _____	_____
		\$ _____	\$ _____	\$ _____	_____
		\$ _____	\$ _____	\$ _____	_____
Comments:					

Table 2 - 3 COLLECTION PROGRAMS
***Results of Wyoming Solid Waste Survey - Current Program Status and Costs**

COUNTY	Collection Programs	Collection Area	Type of Program	Annual Cost of Collection	Funding Sources or Method of Financing
Albany	Town of Rock River City of Laramie	N/A City of Laramie	Drop-off collect Collection for landfilling	?	Monthly Fee User Fees
Big Horn	Big Horn County Five Community Pollution Solution	Nine individual towns Deaver, Frannie, Cowley, Byron and Lovel	Collection for landfilling Volunteer curbside collection	\$704,000 ?	General funds and monthly household charges Volunteers, grants and income from sales of recyclables
Campbell	City of Gillette		Collection of garbage for landfilling, curbside collection of yard debris for compost and city contracts for collection of recyclables	N/A	?
Carbon	Baggs SWDD	N/A		?	recycling from city general funds
	High Country Joint Powers Board	Towns of Hanna, Elk Mountain and Medicine Bow	Collection for landfilling	?	Fees from each town collected by each town
	City of Rawlins	N/A			
	Upper Platte River SWDD	N/A			
Converse	City of Douglas	City of Douglas	Collection for landfilling	\$152,000	Enterprise fund
Crook	Town of Glenrock	N/A			
	Town of Sundance	Town of Sundance	Collection for landfilling and drop- off for recycling	\$65,000 for landfill collection	--
Fremont	Wind River Recycle Center	Town of Dubois	Drop-off and curbside collection for recyclables	?	Fee for curbside service
Goshen	Town of Torrington TDS Trash Collection Services	Town of Torrington Towns of Lingle, Yoder, Ft. Laramie, Hartville, Glendo and Guernsey	Collection for baling and landfilling Private	?	?
Hot Springs				N/A	Private
Johnson	Town of Kaycee	Town of Kaycee	Collection for landfilling	\$22,000 includes collection and operation of landfill costs	Collection fees, landfill charges and general fund

COUNTY	Collection Programs	Collection Area	Type of Program	Annual Cost of Collection	Funding Sources or Method of Financing
Buffalo/Johnson County Recycling	Johnson County	Drop-off collection for recycling	\$8,750 - wages of maintenance person	\$8,750 - wages of maintenance person	City of Buffalo/Johnson County / sale of recyclables
Laramie City of Cheyenne Sanitation and Transfer Station	City of Cheyenne	Collection and transfer for landfilling		\$2,069,896	City General Fund
Lincoln Lincoln County Commission	N/A				
Natrona Town of Midwest	N/A	N/A			
Niobrara City of Casper	Residential and commercial refuse collection and drop-off collection of recyclables	1.7 million for garbage collection and \$30,000 for recycling		User fees	
Town of Lusk	Drop-off collection of recyclables	\$900		Grants/donations/sale of recyclable materials	
Town of Lusk	Collection for landfilling	\$57,538.27		Collection fees	
Town of Manville	N/A				
Park Powell Valley Recycling	Powell area	volunteer drop-off recycling	\$44,000	Sale of recyclable materials - in part	
Platte Town of Wheatland	Town of Wheatland	Collection for landfilling	\$220,000/year includes annual cost of landfill	Residential and commercial collection fees	
Sheridan City of Sheridan	City of Sheridan	Collection for landfilling and composting	\$844,800	Collection fees	
Sublette Sublette County Transfer Station	Town of Pinedale and surrounding area	Transfer station	\$120,050	County budget	
Sweetwater City of Green River	City of Green River	Collection for landfilling and drop-off for recycling	\$398,000 for trash collection and \$80,000 for recycling program	Fees for trash collection General fund money for recycling	
Teton Teton County Environmental Health	Teton County	Transfer station	\$945,000	User fees	
Jackson Community Recycling	Town of Jackson and surrounding areas	Drop-off collection for recycling - curbside collection for OCC	\$200,000 total - includes \$35,000 for OCC collection	Sale of recyclables, donations, grants and funds Fee charged for commercial curbside collection of old corrugated cardboard (OCC)	
Uinta					
Washakie Ten Sleep SW/DD	N/A				

COUNTY	Collection Programs	Collection Area	Type of Program	Annual Cost of Collection	Funding Sources or Method of Financing
Weston	City of Newcastle Town of Upton	City of Newcastle N/A	Collection for landfilling N/A	\$161,633	monthly charges

***INFORMATION ONLY FOR THOSE COMMUNITIES THAT RESPONDED TO SURVEY**

Information	Countywide	Countywide	Countywide	Countywide	Countywide
Implementation	1992	1992	1992	1992	1992
exception	Excluding Franklin				
exemption					
County	Franklin	Franklin	Franklin	Franklin	Franklin
City/township	Chancery Franklin Loudon Franklin Glenburn Franklin Franklin Franklin Westmore Franklin Lafayette Franklin Ridge Franklin	Chancery Franklin Loudon Franklin Glenburn Franklin Franklin Franklin Westmore Franklin Lafayette Franklin Ridge Franklin	Chancery Franklin Loudon Franklin Glenburn Franklin Franklin Franklin Westmore Franklin Lafayette Franklin Ridge Franklin	Chancery Franklin Loudon Franklin Glenburn Franklin Franklin Franklin Westmore Franklin Lafayette Franklin Ridge Franklin	Chancery Franklin Loudon Franklin Glenburn Franklin Franklin Franklin Westmore Franklin Lafayette Franklin Ridge Franklin
Cost-share					
Countywide					
Local					
State					
Federal					
Total					

**Table 2 - 4 LANDFILL OPERATION
*Results of Wyoming Solid Waste Survey - Current Program Status and Costs**

COUNTY	Landfill Operations	Name of Landfill	Annual Cost of Collection	Funding Sources or Method of Financing
Albany	Rock River Landfill	?	\$310,000	Monthly Fee
Laramie	Laramie Landfill			User Fees
Big Horn	South Big Horn County Landfill #1 and North Big Horn County Landfill #2	\$180,000 to operate both		Cost expected to increase to \$250,000 General Funds
Campbell	Campbell County Balefill	\$643,429		User fees and general fund
Campbell	Campbell County Landfill			
Carbon	Bags Landfill	\$58,000		SWDD mill levy
High Country Joint Powers Board		\$94,210		Fees from each town, fees at landfill and interest income
Rawlins	Rawlins Landfill	\$747,648		Fees and charges and grant for baler
Saratoga	Saratoga Landfill	\$75,000		User fees
Converse	Encampment Landfill	\$43,000		
Douglas	Douglas Landfill	\$260,000		Converse County - 1% sales tax fund
Glenrock	Glenrock Landfill	\$180,000		Converse County- 1% sales tax fund
Crook	Sundance Landfill	\$35,000		—
Fremont				
Goshen	Torrington Landfill	N/A		?
Hot Springs	TDS Torrington and Guernsey Landfill	N/A		Private
Johnson	Town of Kaycee			Collection fees, landfill charges and general fund
Laramie	Cheyenne Landfill	\$22,000 includes collection		
Lincoln	South Lincoln Landfill (Kemmerer), Cokeville Landfill and North Lincoln Landfill (Thayne)	and operation of landfill costs		
Natrona	Edgerton/Midwest Sanitary Landfill	\$1,349,959		City General Fund
Niobrara	City of Casper balefill/Landfill	\$156,000 combined cost		County mill levy
	Lusk Landfill	\$38,000		Tipping fees and general fund money
	Manville #2	~ \$4000		User fees
Park				Tipping and collection fees
				Tipping fees and general fund

COUNTY	Landfill Operations	Annual Cost of Collection	Funding Sources or Method of Financing
Platte	Wheatland Landfill	\$220,000	Residential and commercial collection fees and landfill operation
Sheridan	Sheridan Landfill	\$500,000	Tipping fees
Sublette	Marbleton Landfill	\$175,928	County budget
Sweetwater	Green River Landfill	\$407,000	Fees and general fund
Teton	Teton County Environmental Health		
Uinta			
Washakie	Ten Sleep Landfill	\$32,900 does not include reserve cost for closure and post closure	Mill levy
Weston	Newcastle Landfill #2	\$69,271	Gate fees & monthly charges
	Upton Landfill	\$36,200	Garbage fees and general funds

*INFORMATION ONLY FOR THOSE COMMUNITIES THAT RESPONDED TO SURVEY

City of Casper	Landfill fees	Landfill fees	Landfill fees
City of Gillette	Landfill fees	Landfill fees	Landfill fees
City of Rock Springs	Landfill fees	Landfill fees	Landfill fees
City of Rawlins	Landfill fees	Landfill fees	Landfill fees
City of Cheyenne	Landfill fees	Landfill fees	Landfill fees
City of Laramie	Landfill fees	Landfill fees	Landfill fees
City of Casper	Landfill fees	Landfill fees	Landfill fees
City of Rock Springs	Landfill fees	Landfill fees	Landfill fees
City of Rawlins	Landfill fees	Landfill fees	Landfill fees
City of Cheyenne	Landfill fees	Landfill fees	Landfill fees
City of Laramie	Landfill fees	Landfill fees	Landfill fees

Department of Environment and Natural Resources - Bureau of Solid Waste Management
LDR-3 EBC/CDR/EE/SYD/CDD/CE/2014/CAC

Table 2 - 5 RECYCLABLES AND COMPOST PROCESSING
***Results of Wyoming Solid Waste Survey - Current Program Status and Costs**

COUNTY	Recyclable and Compost Processing	Type of Program	Annual Cost of Processing	Funding Sources or Method of Financing
Albany	Town of Rock River	N/A		
	City of Laramie	Local nonprofit operates recycling program, no compost program	N/A	
Big Horn	Big Horn County	N/A		
	Five Community Pollution Solution	Volunteer curbside collection	N/A	Volunteers, grants and income from sales of recyclables
Campbell	City of Gillette Recycling	Campbell County and City of Gillette contract with nonprofit for processing recyclables	?	Recycling from city general funds
	Campbell County Compost Program	Chipping, windrowing and some watering	Chipping is at least \$13,500	
Carbon	Bags SWDD	N/A		
	High Country Joint Powers Board	Limited recyclables collection and processing at landfill, no compost program	?	Fees from each town covers all waste processing - land filling and recycling
	City of Rawlins	Drop-off collection and crushing and baling of recyclables - ship to nonprofit for additional processing; no compost program	\$55,166	Pays for program with income from sales of materials
	Upper Platte River SWDD	Collect recyclables at Saratoga and Encampment landfills - ship to nonprofit for processing, no compost program	?	
Converse	Douglas Recycling Steering Committee	Collect recyclables and ship to nonprofit for processing, no compost program	\$4000	Sale of material and some city funding
	Town of Glenrock	N/A	-	
Crook	Town of Sundance	Collection and transport of recyclables to Gillette for processing, no compost programs	?	
Fremont	Wind River Recycle Center	Store and transfer recyclables, no compost program	\$500-\$1000	Grants
Goshen	Town of Torrington Bale Station	Compost windrowing	?	?
	TDS Trash Collection Services - Guernsey and Lingle	Compost program	N/A	Towns pay for processing
Hot Springs				
Johnson	Town of Kaycee	N/A		
	Buffalo/Johnson County Recycling	Drop-off collection for recycling - ship to Gillette, Sheridan and Billings for processing		

COUNTY	Recyclable and Compost Processing	Type of Program	Annual Cost of Processing	Funding Sources or Method of Financing
Laramie	City of Cheyenne Sanitation and Transfer Station Little Sandy Compost Area	Transport city recycling collection bins to recycling center, contract with local nonprofit to process recyclables Community compost program	?	City general fund Volunteers/golf course budget from city general fund
Lincoln	Lincoln County Landfills	Process and ship metals and contract for tire processing and removal, no compost program	\$34,000	County mill levy
Natrona	Town of Midwest	Drop-off collection bins around city - ship to intermediate processor	\$10,000	User fees
	City of Casper Composting	Chipping, shredding, windrow, aerate and water	\$35,000	User fees
NIobrara	Niobrara Recycling Project	Transport recyclables to Torrington for processing, no composting		
	Town of Lusk	N/A		
	Town of Manville	N/A		
Park	Powell Valley Recycling	Volunteer drop-off recycling - baling and shipping to both end markets and intermediate processors, no compost program	\$44,000 (includes salaries of two part-time employees)	Sale of recyclable materials - in part
Platte	Town of Wheatland	White goods baling, tire shredding and collection of batteries, no compost program	~ \$4,000	Residential and commercial collection fees
Sheridan	City of Sheridan	No recycling program, compost program includes chipping and aeration	?	Tipping fees
Sublette	Sublette County Citizens for Recycling	Collect recyclables and ship to nonprofit for additional processing, no compost program	~ :	Joint Powers Board
Sweetwater	City of Green River	Drop-off for recycling, baling and shipping to nonprofit for additional processing, no compost program	\$80,000	General fund
Teton	Teton County Environmental Health	N/A		
	Jackson Community Recycling	Drop-off collection for recycling - baling, crushing, densifying and transport to end markets, no compost program	\$200,000 total - includes \$35,000 for OCC collection	Sale of recyclables, donations, grants and funds from Teton County Fee charged for commercial curbside collection of old corrugated cardboard (OCC)
Uinta	Ten Sleep SWD	N/A		
Washakie	City of Newcastle	Local nonprofit operates recycling program, no compost program	N/A	
Weston				

COUNTY	Recyclable and Compost Processing	Name of Program	Type of Program	Annual Cost of Processing	Funding Sources or Method of Financing
		Town of Upton	N/A		

***INFORMATION ONLY FOR THOSE COMMUNITIES THAT RESPONDED TO SURVEY**

Clallam County	Business & Residential Recycling	Business & Residential Recycling	Business & Residential Recycling	\$200,000	Contract with local hauler
Jefferson County	Residential Composting	Residential Composting	Residential Composting	\$100,000	Local government
Klickitat County	Residential Recycling	Residential Recycling	Residential Recycling	\$100,000	Local government
Lewis County	Business & Residential Recycling	Business & Residential Recycling	Business & Residential Recycling	\$100,000	Local government
Mason County	Business & Residential Recycling	Business & Residential Recycling	Business & Residential Recycling	\$100,000	Local government
Okanogan County	Business & Residential Recycling	Business & Residential Recycling	Business & Residential Recycling	\$100,000	Local government
Pacific County	Business & Residential Recycling	Business & Residential Recycling	Business & Residential Recycling	\$100,000	Local government
Peninsula Regional Commission	Business & Residential Recycling	Business & Residential Recycling	Business & Residential Recycling	\$100,000	Local government
Skagit County	Business & Residential Recycling	Business & Residential Recycling	Business & Residential Recycling	\$100,000	Local government
Snohomish County	Business & Residential Recycling	Business & Residential Recycling	Business & Residential Recycling	\$100,000	Local government
Thurston County	Business & Residential Recycling	Business & Residential Recycling	Business & Residential Recycling	\$100,000	Local government
Whatcom County	Business & Residential Recycling	Business & Residential Recycling	Business & Residential Recycling	\$100,000	Local government
Whidbey Island	Business & Residential Recycling	Business & Residential Recycling	Business & Residential Recycling	\$100,000	Local government

**Table 2 - 6 * HOUSEHOLD HAZARDOUS WASTE COLLECTION PROGRAMS
Results of Wyoming Solid Waste Survey - Current Program Status and Costs

COUNTY	HHW Program	Type of Program	Annual Cost of Processing	Funding Sources or Method of Financing
Albany	Laramie HHW Committee	Annual Collection Day		Donations
Campbell	City of Gillette HHW Collection Day	Annual Collection Day	\$16,000	City/county general fund line item
Converse	Converse County Conservation District HHW Collection Day	Collection Day	\$14,000	Grant
Laramie	Cheyenne HHW Collection Day	Annual Collection Day	\$56,000	City general fund and fundraising
Natrona	City of Casper HHW Collection Day	Annual Collection Day	\$18,000 - \$40,000	^User fees

* Most Wyoming public landfills accept household hazardous waste as a matter of routine. The programs listed here are for those communities reporting specific collection days/programs for HHW.

** Information only from those communities that responded to survey.

^Casper notes that the term 'user fees' is the costs built into the tipping fees at the balefill and collection fees on sanitation bills.

Table 2 - 7 SURVEY QUESTION #6 - WHICH OF THE FOLLOWING LANDFILL RELATED ITEMS ARE ACCOUNTED FOR IN YOUR ANNUAL BUDGET?

*Wyoming Solid Waste Survey- Current Program Status and Costs

The following items are included in annual budget for landfill(s)	Number indicating a yes - do account for in annual budget	Percentage of survey respondents answering this question that do account for these line items
Engineering/consulting fees	23	82%
Interest on capital debt	8	29%
Clay or synthetic liners	5	18%
Operator salary and expenses	28	100%
Closure costs (construction of final cover, reclamation, closure certification)	15	54%
Post closure costs (monitoring, inspections)	17	61%
Legal fees	16	57%
Methane monitoring	17	60%
Groundwater monitoring	24	86%
Buildings and facilities	23	82%
Insurance	24	86%
Leachate collection/treatment systems	4	14%
Equipment, operation and maintenance	26	93%
Equipment replacement or amortization of existing equipment	18	64%

*Information only for those communities that responded to survey
Of the 37 total survey respondents - 28 responded to this question.